Setting up Small Hydro-electricity projects

833. SHRI MANOJ BHATTACHARYA: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether some States have shown interest in setting up Small Hydro electricity projects in recent times;

(b) if so, which are the States and the details of these projects; and

(c) how many of those projects are going to be commissioned during the Tenth Five Year Plan period?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) and (b) Yes, Sir. Almost all the States have been showing interest in setting up Small Hydro electricity projects. 438 small hydro power projects (up to 25 MW station capacity) aggregating 1461 MW have been set up in 29 States/ UTs. State-wise details of the SHP projects which have been set up and those under construction are given in the enclosed Statement *{See* below).

(c) 185 small hydro projects aggregating 540 MW are under various stages of implementation and are scheduled for commissioning during the Tenth plan period

Statement

State-wise details of SHP projects sat up and are under construction (upto 25 MW station capacity)

S.No. State	Projects set-up		Projects under construction	
	Nos.	Cap. (MW)	Nos.	Cap. (MW)
1. Haryana	4	48.30	—	—
2. Himachal Pradesh	31	93.24	10	33.00
3. J&K	27	102.24	9	13.31
4. Punjab	17	103.20	5	7.90
5. Rajasthan	10	23.85	—	—
6. Uttar Pradesh	8	21.50	1	3.6
7. Uttaranchal	67	61.75	22	35
8. Goa	1	0.05	—	—
9. Gujarat	2	7.00	—	—

S.No. State	Projects set-up		Projects under construction	
	Nos.	Cap. (MW)	Nos.	Cap. (MW)
10. Madhya Pradesh	6	38.96	4	26.40
11. Chhattisgarh	1	0.20	1	0.80
12. Maharashtra	26	206.33	5	16.50
13. Andhra Pradesh	47	150.71	13	29.80
14. Karnataka	30	156.90	17	69.33
15. Kerala	9	69.52	11	75.50
16. TamUNadu	10	73.90	3	10.40
17. Bihar	4	44.90	10	15.00
18. Jharkhand	6	4.05	8	34.85
19. Orissa	6	7.30	5	3.93
20. West Bengal	17	89.28	5	8.42
21. Sikkim	11	32.60	6	18.20
22. Arunachal Pradesh	50	32.37	27	51.64
23. Assam	1	2.00	10	51.11
24. Manipur	7	4.70	4	3.50
25. Meghalaya	3	30.71	9	3.28
26. Mizoram	15	14.76	3	15.50
27. Nagaland	7	19.87	7	13.00
28. Tripura	3	16.01	—	—
29. A & N Islands	1	5.25	—	—
TOTAL:	438	1461.43	195	540.04

Technology for indigenous Hydro-Electric Projects

834. SHRI MANOJ BHATTACHARYA: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether some appropriate and worth meaning technology could be indigenously developed for being used in small Hydro-electricity projects in our country during last three years; and

(b) if so, the details thereof and where those are being made to use?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) and (b) India has a fairly good indigenous manufacturing base for electro-